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19270 U.S. PTO  
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**UTILITY PATENT APPLICATION TRANSMITTAL LETTER**  
(Only for nonprovisional applications under 37 CFR 1.53(b))

Mail Stop Patent Application  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing in the patent application of:

**Miguel Angel Camacho-Lopez, Peter Palffy-Muhoray and Michael J. Shelley**

Entitled: **MOTION OF LIQUID CRYSTALLINE ELASTOMERS  
AND METHOD OF USE THEREOF**

U.S. Government License: Grant No. 0132611 awarded by the National Science Foundation

Enclosed are:

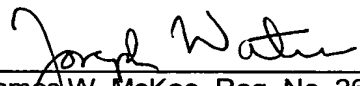
- [XX] 13 sheets of specification, 5 sheets of claims, 1 sheet of Abstract.
- [XX] 6 sheets of INFORMAL drawings, Figures 1-6.
- [XX] a partially executed assignment of an invention to Kent State University (and transmittal therefor).
- [XX] a partially executed Declaration and Power of Attorney for Patent Application.
- [XX] Information Disclosure Statement and PTO-1449
- [XX] NonPublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
TOTAL CLAIMS	31 - 20 =	11	<input type="checkbox"/> \$18 LARGE <input checked="" type="checkbox"/> \$09 SMALL	\$ 99.00
INDEPENDENT CLAIMS	3 - 3 =	0	<input type="checkbox"/> \$86 LARGE <input checked="" type="checkbox"/> \$43 SMALL	\$ -0-
BASIC FEE	<input type="checkbox"/> LARGE ENTITY	\$ 770.00	<input checked="" type="checkbox"/> SMALL ENTITY	\$ 385.00
TOTAL FILING FEE				\$ 484.00

[XX] A check in the amount of \$ 484.00 to cover the filing fee is enclosed.

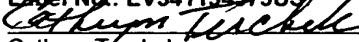
[XX] The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment to Deposit Account No. 06-0308.

Date: Dec 10, 2003

  
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**EXPRESS MAIL CERTIFICATE**

I hereby certify that this Transmittal and attached documents are being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" service in an envelope addressed to Mail Stop Patent Application - Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450. Express Mail Label No.: EV341154375US

  
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Date: December 10 2003

<b>NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	Miguel Angel Camacho-Lopez
	Title	MOTION OF LIQUID CRYSTALLINE ELASTOMERS AND METHOD OF USE THEREOF
	Attorney Docket Number	KNST 2 00018

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Dec 10, 2003  
Date

Joseph Waters  
Signature

216.861.5582  
Telephone number

Joseph E. Waters, Reg. No. 50,427  
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.